

DERWENT-ACC- 2003-339537

NO:

DERWENT- 200417

WEEK:

COPYRIGHT 2006 DERWENT INFORMATION LTD

TITLE: Web based in-circuit emulator, and system and method for web base development of target embedded system by using the same

INVENTOR: AHN, H B; CHO, S J ; KIM, Y S

PRIORITY-DATA: 2001KR-0036924 (June 27, 2001)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
KR 403195 B	October 23, 2003	N/A	000	G06F 009/455
KR 2003000794 A	January 6, 2003	N/A	001	G06F 009/455

INT-CL (IPC): G06F009/455

ABSTRACTED-PUB-NO: KR2003000794A

BASIC-ABSTRACT:

NOVELTY - A web based in-circuit emulator, and a system and a method for the web base development of a target embedded system by using the same are provided to offer a development environment of the target embedded system through an embedded web page by connecting with the in-circuit emulator embedded through an interface between a web server to a host system supporting a web browser and the target embedded system.

DETAILED DESCRIPTION - The system comprises a host system(1) supporting the web browser, the web based in-circuit emulator(2) embedding with the web server, and a target embedded system. The web based emulator(2) comprises a host interface(21), a web server embedded emulator(22), and a target interface(23). The host interface(21) interfaces the host system(1) and the web based in-circuit emulator(2) with each other by providing the diverse communication paths. The web server embedded emulator(22) comprises a CPU(221) performing a web server function and an in-circuit emulator function at the same time, and a memory(222) storing a relating program or bios and an execution file. The web page for providing the development environment of the target embedded system(3) is stored in the memory.

